Textbook Alignment to the Utah Core – 5th Grade Mathematics

This alignment has been completed using an "Inde (www.schools.utah.gov/curr/imc/	ependent Alignment Vendor" from (indvendor.html.) Yes No	**	
Name of Company and Individual Co	nducting Alignment:Six T	hings	
A "Credential Sheet" has been completed on the above con	npany/evaluator and is (Please check	x one of the following):	
X On record with the USOE.			
X The "Credential Sheet" is attached to this alignme	nt.		
Instructional Materials Evaluation Criteria (name/grade of the co	re document used to align): _5 th G	rade Mathematics Core Curric	<u>culum</u>
Title: Saxon Math Intermediate 5 © 2008_ ISBN#:16003-2	29667		
Publisher:Saxon, A Harcourt Education Imprint			
Overall percentage of coverage in the Student Edition (SE) and Te	eacher Edition (TE) of the Utah St	tate Core Curriculum: 98	%
Overall percentage of coverage in ancillary materials of the Utah	Core Curriculum: <u>98</u> %		
Standard I: Students will expand number sense to include integer decimals.	s and perform operations with wh	ole numbers, simple fraction	ıs, and
Percentage of coverage in the student and teacher edition for Standard I: 96 %	Percentage of coverage not in student or teacher edition, but covered in the ancillary material for Standard I:96%		
OBJECTIVES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
Objective 1.1: Represent whole numbers and decimals from thousand	Iths to one billion, fractions, percent	s, and integers.	

a. Read and write numbers in standard and expanded form.	New Concept	Cumulative Test	
the reduce the full octor in Standard and expanded form.	Pg(s): 16, 17, 18, 19, 20, 21,	Pg(s): 43, 44, 45, 46, 47	
	299, 300, 301, 302, 303, 304	1 5(5). 13, 11, 13, 10, 17	
	Written Practice		
	Pg(s): 20, 21, 26, 27, 302, 303,		
	304		
b. Demonstrate multiple ways to represent whole numbers,	New Concept	Cumulative Test	
decimals, fractions, percents, and integers using models	Pg(s): 7, 8, 9, 10, 16, 17, 18,	Pg(s): 43, 44, 45, 46, 47,	
and symbolic representations (e.g., $108 = 2 \times 50 + 8$; $108 =$	19, 20, 21, 22, 23, 24, 25, 26,	48, 49, 50, 79, 80, 81, 82,	
102 + 8; $90% = 90$ out of 100 squares on a hundred chart).	27, 28, 29, 30, 31, 32, 39, 40,	91, 92, 93, 94, 119, 120,	
	41, 42, 43, 44, 299, 300, 301,	121, 122	
	302, 303, 304, 332, 333, 334,		
	335, 336, 337, 338, 405, 406,		
	407, 408, 409, 410, 411, 424,		
	425, 426, 427, 428, 429, 430,		
	431, 432, 433, 434, 435, 436,		
	443, 444, 445, 446, 447, 448,		
	449, 644, 645, 646, 647, 648,		
	649, 650, 651, 652, 653, 696,		
	697, 698, 699, 700, 701, 702		
	Written Practice		
	Pg(s): 9, 10, 20, 21, 26, 27, 30,		
	31, 32, 42, 43, 44, 302, 303,		
	304, 410, 411, 428, 429, 430,		
	445, 446, 449, 647, 648, 652,		
	653, 698, 699, 701, 702		
c. Identify, read, and locate fractions, mixed numbers,	New Concept	Cumulative Test	
decimals, and integers on the number line.	Pg(s): 16, 17, 18, 19, 20, 21,	Pg(s): 43, 44, 45, 46, 51,	
	22, 23, 24, 25, 26, 27, 45, 46,	52, 53, 54, 67, 68, 69, 70,	
	47, 48, 49, 72, 73, 74, 75, 76,	95, 96, 97, 98, 119, 120,	
	77, 78, 79, 165, 166, 167, 168,	121, 122, 123, 124, 125,	
	169, 170, 205, 206, 207, 208,	126	
	209, 210, 233, 234, 235, 236,		
	237, 238, 418, 419, 420, 421,		
	422, 423, 636, 637, 638, 639,		
	640, 641, 642, 643, 679, 680,		

	681, 682, 683, 684, 685, 686 Written Practice Pg(s): 20, 21, 26, 27, 47, 48, 49, 75, 76, 78, 79, 167, 168, 169, 208, 209, 210, 236, 238, 421, 422, 638, 639, 643, 679, 680, 682		
d. Represent repeated factors using exponents.	New Concept Pg(s): 93, 94, 95, 96, 97, 111, 112, 113, 114, 115, 116, 117, 154, 155, 156, 157, 158, 177, 178, 179, 180, 181, 182, 516, 517, 518, 519, 520, 521, 534, 535, 536, 537, 538, 736, 737, 738, 739, 740, 741 Written Practice Pg(s): 95, 96, 97, 114, 115, 156, 157, 158, 178, 179, 180, 518, 519, 520, 536, 537, 538, 739, 740, 741	Cumulative Test Pg(s): 59, 60, 61, 62, 63, 64, 65, 103, 104, 105, 106, 107, 108, 109, 110, 127, 128, 129, 130, 131, 132, 133, 134	
e. Describe situations where integers could be used in the students' environment.	There is an opportunity to introduce during: New Concept Pg(s): 11, 12, 13, 14, 15 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 13, 14, 15	Cumulative Test Pg(s): 43, 44, 45, 46	
Objective 1.2: Explain relationships and equivalencies among integ	ers, fractions, decimals, and percent	S.	
a. Compare fractions by finding a common denominator.	Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 New Concept	Cumulative Test Pg(s): 63, 64,65, 66, 95, 96, 97, 98, 99, 100, 101, 102, 111, 112, 113, 114	

b. Order integers, fractions (including mixed numbers), and decimals using a variety of methods, including the number line.	Pg(s): 183, 184, 185, 186, 187, 188, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 457, 458, 459, 460, 461, 462, 463, 586, 587, 588, 589, 590, 591 Written Practice Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191 Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 New Concept Pg(s): 183, 184, 185, 186, 187, 188, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 457, 458, 459, 460, 461, 462, 463, 586, 587, 588, 589, 590, 591 Written Practice Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 586, 587, 588, 590, 591 Written Practice Pg(s): 128, 129, 130, 131, 189, 190, 191	Cumulative Test Pg(s): 63, 64, 65, 66, 95, 96, 97, 98, 99, 100, 101, 102
c. Rewrite mixed numbers and improper fractions from one form to the other and represent each using regions, sets of objects, or line segments.	New Concept Pg(s): 485, 486, 487, 488, 489, 490, 559, 560, 561, 562, 563, 564, 742, 743, 744, 745, 746, 747, 783, 784, 785, 786, 787 Written Practice Pg(s): 487, 490, 561, 564, 745, 785, 786, 787	Cumulative Test Pg(s): 99, 100, 101, 102, 111, 112, 113, 114, 127, 128, 129, 130, 131, 132, 133, 134 Power Up Test Pg(s): 24, 37, 38, 39, 40, 41

percents in a variety of ways (e.g., models, fraction strips, pictures, calculators, algorithms). Pg(s): 183, 184, 185, 186, 187, 188, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 457, 458, 459, 460, 461, 462, 463, 586, 587, 588, 589, 590, 591 Written Practice Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191 Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 New Concept Pg(s): 145, 146, 147, 148, 400, 401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602, 131, 132, 133, 134	d. Represent commonly used fractions as decimals and	New Concept	Cumulative Test
429, 430, 431, 432, 433, 434, 435, 436, 457, 458, 459, 460, 461, 462, 463, 586, 587, 588, 589, 590, 591 Written Practice Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191 e. Model and calculate equivalent forms of a fraction (including simplest form). Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 New Concept Pg(s): 145, 146, 147, 148, 400, 401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,	•		
435, 436, 457, 458, 459, 460, 461, 462, 463, 586, 587, 588, 589, 590, 591 Written Practice Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191 e. Model and calculate equivalent forms of a fraction (including simplest form). Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 New Concept Pg(s): 145, 146, 147, 148, 400, 401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 601, 602, 591, 597, 598, 599, 600, 601, 602,	pictures, calculators, algorithms).	188, 424, 425, 426, 427, 428,	96, 97, 98, 99, 100, 101,
461, 462, 463, 586, 587, 588, 589, 590, 591 Written Practice Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191 e. Model and calculate equivalent forms of a fraction (including simplest form). Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 New Concept Pg(s): 145, 146, 147, 148, 400, 401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,		429, 430, 431, 432, 433, 434,	102
S89, 590, 591 Written Practice Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191		435, 436, 457, 458, 459, 460,	
## Concept Pg(s): 145, 146, 147, 148, 400, 401, 402, 403, 404, 511, 512, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 597, 598, 599, 600, 601, 602, Written Practice Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191 Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 Pg(s): 50, 65, 111, 123, 139, 192, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 118, 119, 120, 118, 119, 120, 118, 119, 120, 118, 119, 120, 118, 119, 120, 118, 119, 120, 118, 118, 119, 120, 118, 118, 118, 118, 118, 118, 118, 11		461, 462, 463, 586, 587, 588,	
Pg(s): 185, 186, 187, 428, 429, 434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191 e. Model and calculate equivalent forms of a fraction (including simplest form). Personance of the property of the prop		589, 590, 591	
434, 435, 462, 463, 588, 590 Investigation Pg(s): 128, 129, 130, 131, 189, 190, 191 e. Model and calculate equivalent forms of a fraction (including simplest form). Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 Peg(s): 145, 146, 147, 148, 400, 401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602, E. Model and calculate equivalent forms of a fraction Pg(s): 128, 129, 130, 131, 189, 190, 190, 190, 190, 190, 190, 190, 19		Written Practice	
$ \begin{array}{c} \textbf{Investigation} \\ Pg(s): 128, 129, 130, 131, 189, \\ 190, 191 \\ \hline \textbf{e.} \text{ Model and calculate equivalent forms of a fraction} \\ \text{(including simplest form).} \\ \hline \textbf{Power Up} \\ Pg(s): 50, 65, 111, 123, 139, \\ 183, 211, 233, 244, 257 \\ Pg(s): 145, 146, 147, 148, 400, \\ 401, 402, 403, 404, 511, 512, \\ 513, 514, 515, 526, 527, 528, \\ 529, 530, 531, 532, 533, 565, \\ 566, 567, 568, 569, 570, 571, \\ 586, 587, 588, 589, 590, 591, \\ 597, 598, 599, 600, 601, 602, \\ \hline \end{array} $		Pg(s): 185, 186, 187, 428, 429,	
e. Model and calculate equivalent forms of a fraction (including simplest form). $ \begin{array}{c} \textbf{Pg(s): } 128, 129, 130, 131, 189, \\ 190, 191 \\ \hline \\ \textbf{Power Up} \\ \textbf{Pg(s): } 50, 65, 111, 123, 139, \\ 183, 211, 233, 244, 257 \\ \hline \\ \textbf{New Concept} \\ \textbf{Pg(s): } 145, 146, 147, 148, 400, \\ 401, 402, 403, 404, 511, 512, \\ 513, 514, 515, 526, 527, 528, \\ 529, 530, 531, 532, 533, 565, \\ 566, 567, 568, 569, 570, 571, \\ 586, 587, 588, 589, 590, 591, \\ 597, 598, 599, 600, 601, 602, \\ \hline \end{array} \right) $		434, 435, 462, 463, 588, 590	
e. Model and calculate equivalent forms of a fraction (including simplest form). Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 Pg(s): 59, 60, 61, 62, 91, 92, 93, 94, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 114, 115, 114, 115, 115, 116, 117, 118, 119, 120, 111, 112, 113, 114, 125, 116, 117, 118, 119, 120, 111, 112, 113, 114, 125, 116, 127, 128, 129, 130, 136, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,			
Power Up (including simplest form). Power Up Pg(s): 50, 65, 111, 123, 139, 183, 211, 233, 244, 257 Pg(s): 59, 60, 61, 62, 91, 92, 93, 94, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 529, 530, 531, 532, 533, 565, 529, 530, 531, 532, 533, 565, 529, 530, 531, 532, 533, 565, 536, 536, 537, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602, Cumulative Test Pg(s): 59, 60, 61, 62, 91, 92, 93, 94, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 114, 115, 116, 117, 118, 119, 120, 118, 118, 118, 119, 120, 118, 118, 119, 12		Pg(s): 128, 129, 130, 131, 189,	
(including simplest form). $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		190, 191	
183, 211, 233, 244, 257 New Concept Pg(s): 145, 146, 147, 148, 400, 401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602, 92, 93, 94, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134	e. Model and calculate equivalent forms of a fraction	Power Up	Cumulative Test
New Concept 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 113, 114, 115, 113, 114, 115, 113, 114, 115, 116, 117, 118, 119, 120, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 529, 530, 531, 532, 533, 565, 126, 127, 128, 129, 130, 131, 132, 133, 134 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 120, 120, 120, 120, 120, 120, 120	(including simplest form).	Pg(s): 50, 65, 111, 123, 139,	Pg(s): 59, 60, 61, 62, 91,
Pg(s): 145, 146, 147, 148, 400, 401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,		183, 211, 233, 244, 257	92, 93, 94, 103, 104, 105,
401, 402, 403, 404, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,		New Concept	106, 107, 108, 109, 110,
513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,			
529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,		401, 402, 403, 404, 511, 512,	116, 117, 118, 119, 120,
566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,		513, 514, 515, 526, 527, 528,	121, 122, 123, 124, 125,
586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602,		529, 530, 531, 532, 533, 565,	
597, 598, 599, 600, 601, 602,			131, 132, 133, 134
		586, 587, 588, 589, 590, 591,	
600 E60 E61 E60 E64			
		603, 760, 761, 762, 763, 764,	
765, 766		,	
Written Practice			
Pg(s): 147, 148, 402, 403, 404,			
514, 515, 532, 568, 569, 590,			
591, 602, 603, 765, 766			
<u>Investigation</u>			
Pg(s): 128, 129, 130, 131, 189,			
190, 191		190, 191	
f. Rename whole numbers as fractions with different	f. Rename whole numbers as fractions with different		
denominators (e.g., $5 = 5/1$, $3 = 6/2$, $1 = 7/7$).	denominators (e.g., $5 = 5/1$, $3 = 6/2$, $1 = 7/7$).		

Objective 1.3: Use number theory concepts to develop and use divisibility tests; classify whole numbers to 50 as prime, composite, or neither; and

find common multiples and factors.		
a. Identify patterns with skip counting and multiples to develop and use divisibility tests for determining whether a whole number is divisible by 2, 3, 5, 6, 9, and 10.	New Concept Pg(s): 7, 8, 9, 10, 11, 12, 13, 14, 15 Written Practice Pg(s): 9, 10, 14, 15 Investigation Pg(s): 60, 61, 62, 63, 64, 128, 129, 130, 131, 251, 252, 253, 254, 255, 256	Cumulative Test Pg(s): 43, 44, 45, 46 Power Up Test Pg(s): 20, 22, 23, 25, 28, 31, 36
b. Use strategies for classifying whole numbers to 50 as prime, composite, or neither.	New Concept Pg(s): 516, 517, 518, 519, 520, 521, 783, 784, 785, 786, 787 Written Practice Pg(s): 520, 521, 786, 787	Cumulative Test Pg(s): 103, 104, 105, 106, 131, 132, 133, 134
c. Rewrite a composite number between 2 and 50 as a product of only prime numbers.	There is an opportunity to introduce during: New Concept Pg(s): 516, 517, 518, 519, 520, 521, 783, 784, 785, 786, 787 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 520, 521, 786, 787	Cumulative Test Pg(s): 103, 104, 105, 106, 131, 132, 133, 134
d. Find common multiples and factors and apply to adding and subtracting fractions.	New Concept Pg(s): 93, 94, 95, 96, 97, 111, 112, 113, 114, 115, 116, 117, 154, 155, 156, 157, 158, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 269, 270, 271, 272, 273, 274, 345, 346, 347, 348, 349, 371, 372, 373, 374, 375, 376, 400, 401, 402, 403, 404, 485, 486, 487, 488, 489,	Cumulative Test Pg(s): 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107,

		100 101 100 100 101 105	100 100 110 111 110
		490, 491, 492, 493, 494, 495,	108, 109, 110, 111, 112,
		496, 497, 516, 517, 518, 519,	113, 114, 115, 116, 117,
		520, 521, 534, 535, 536, 537,	118, 119, 120, 121, 122,
		538, 559, 560, 561, 562, 563,	123, 124, 125, 126, 127,
		564, 565, 567, 568, 569, 570,	128, 129, 130, 131, 132,
		571, 597, 598, 599, 600, 601,	133, 134
		602, 603, 621, 622, 623, 624,	Power Up Test
		625, 626, 627, 628, 629, 630,	Pg(s): 38
		631, 632, 736, 737, 738, 739,	
		740, 741, 742, 743, 744, 745,	
		746, 747, 760, 761, 762, 763,	
		764, 765, 766, 767, 783, 784,	
		785, 786, 787	
		Written Practice	
		Pg(s): 45, 46, 47, 115, 116,	
		117, 156, 157, 158, 258, 259,	
		261, 262, 273, 274, 347, 348,	
		349, 374, 375, 376, 402, 403,	
		404, 487, 488, 489, 495, 496,	
		497, 517, 518, 519, 536, 537,	
		538, 563, 564, 565, 569, 570,	
		571, 601, 602, 603, 630, 631,	
		632, 745, 746, 747, 765, 766,	
		767, 785, 786, 787	
		Investigation	
		Pg(s): 251, 252	
Objective	1.4: Model and illustrate meanings of multiplication and di		•
	Represent division-with-remainder using whole numbers,	Power Up	Cumulative Test
	decimals, or fractions.	Pg(s): 11, 16, 22, 28, 33, 39, 45,	Pg(s): 55, 56, 57, 58, 59, 60,
		50, 55, 60, 65, 80, 86, 93, 104,	61, 62, 63, 64, 65, 66, 67,
		111, 118, 123, 123, 139, 159,	68, 69, 70, 71, 72, 73, 74,
		177, 211, 244, 269, 345, 491,	75, 76, 77, 78, 79, 80, 81,
		604, 616, 621, 627	82, 83, 84, 85, 86, 87, 88,
		New Concept	89, 90, 91, 92, 93, 94, 95,
		Pg(s): 123, 124, 125, 126, 127,	96, 97, 98
		139, 140, 141, 142, 143, 144,	Power Up Test
		10, 110, 111, 112, 110, 111,	I O II O P I ODE

		159, 160, 161, 162, 163, 164, 211, 212, 213, 214, 215, 244, 245, 246, 247, 248, 249, 250, 269, 270, 271, 272, 273, 274, 345, 346, 347, 348, 349, 366, 367, 368, 369, 370, 604, 605, 606, 607, 608, 609 Written Practice Pg(s): 125, 126, 127, 142, 143, 144, 163, 164, 213, 214, 215, 245, 246, 247, 250, 269, 270, 271, 274, 347, 348, 349, 369, 370, 607, 608, 609	Pg(s): 22, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	
	Describe the effect of place value when multiplying and dividing whole numbers and decimals by 10, 100, and 1,000.	There is an opportunity to introduce during: New Concept Pg(s): 123, 124, 125, 126, 127, 139, 140, 141, 142, 143, 144, 159, 160, 161, 162, 163, 164, 211, 212, 213, 214, 215, 244, 245, 246, 247, 248, 249, 250, 269, 270, 271, 272, 273, 274, 345, 346, 347, 348, 349, 366, 367, 368, 369, 370, 604, 605, 606, 607, 608, 609 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 125, 126, 127, 142, 143, 144, 163, 164, 213, 214, 215, 245, 246, 247, 250, 269, 270, 271, 274, 347, 348, 349, 369, 370, 607, 608, 609	Cumulative Test Pg(s): 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98	
c.	Model multiplication of fractions and decimals (e.g., tenths	There is an opportunity to	Cumulative Test	

multiplied by tenths, a whole number multiplied by tenths, or a whole number with tenths multiplied by tenths) in a variety of ways (e.g., manipulatives, number line and area models, patterns).

introduce during:

Power Up

Pg(s): 11, 16, 22, 28, 33, 39, 45, 50, 55, 60, 65, 80, 86, 93, 104, 111, 118, 123, 123, 139, 159, 177, 211, 244, 269, 345, 491, 604, 616, 621, 627

There is an opportunity to introduce during:

New Concept

Pg(s): 145, 146, 147, 148, 183, 184, 185, 186, 187, 188, 228, 229, 230, 231, 232, 269, 270, 271, 272, 273, 289, 290, 291, 292, 293, 377, 378, 379, 380, 381, 382, 400, 401, 402, 403, 404, 457, 458, 459, 460, 461, 462, 463, 464, 491, 492, 493, 494, 495, 496, 497, 511, 512, 513, 514, 515, 526, 527, 528, 529, 530, 531, 532, 533, 565, 566, 567, 568, 569, 570, 571, 586, 587, 588, 589, 590, 591, 597, 598, 599, 600, 601, 602, 603, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 703, 704, 705, 706, 707, 708, 709, 760, 761, 762, 763, 764, 765, 766, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787

There is an opportunity to practice by teacher questioning and observation following:

Pg(s): 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134

T		
	Written Practice	
	Pg(s): 146, 147, 148, 186, 187,	
	188, 230, 231, 232, 270, 271,	
	289, 290, 291, 380, 381, 382,	
	402, 403, 404, 459, 460, 461,	
	494, 495, 496, 513, 514, 515,	
	531, 532, 533, 567, 568, 569,	
	570, 571, 588, 589, 590, 591,	
	602, 603, 626, 627, 628, 630,	
	631, 632, 707, 708, 709, 764,	
	765, 766, 780, 781, 782, 785,	
	786, 787	
Objective 1.5: Solve problems involving one or two operations.	700, 707	
a. Determine when it is appropriate to use estimation, mental	New Concept	Cumulative Test
math strategies, paper and pencil, and algorithms.	Pg(s): 205, 206, 207, 208, 209,	Pg(s): 67, 68, 69, 70, 71, 72,
matir strategies, paper and penen, and argorithms.	210, 211, 212, 213, 214, 215,	73, 74, 75, 76, 77, 78, 79,
	345, 346, 347, 348, 349, 350,	80, 81, 82, 83, 84, 85, 86,
	351, 352, 353, 371, 372, 373,	87, 88, 89, 90, 91, 92, 93,
	374, 375, 376, 377, 378, 379,	94, 95, 96, 97, 98, 99, 100,
	380, 381, 382, 405, 406, 407,	101, 102, 103, 104, 105,
	408, 409, 410, 411, 464, 465,	106, 107, 108, 109, 110,
	466, 467, 468, 469, 470, 471,	111, 112, 113, 114, 115,
	472, 473, 474, 475, 476, 477,	116, 117, 118, 119, 120,
	478, 479, 480, 481, 482, 483,	121, 122
	484, 498, 499, 500, 501, 502,	
	604, 605, 606, 607, 608, 609,	
	616, 617, 618, 619, 620, 638,	
	639, 640, 641, 642, 643, 659,	
	660, 661, 662, 663, 664, 665,	
	666, 667, 668, 669, 670, 671,	
	672, 673, 674, 675, 676, 677,	
	678, 679, 680, 681, 682, 683,	
	684, 685, 686	
	Written Practice	
	Pg(s): 207, 208, 209, 214, 215,	
	347, 348, 349, 350, 351, 352,	

				1
		374, 375, 376, 379, 380, 381,		
		408, 409, 464, 466, 481, 482,		
		484, 500, 501, 502, 607, 608,		
		609, 618, 619, 620, 640, 641,		
		641, 664, 665, 668, 669, 673,		
		674, 675, 684, 685, 686		
b.	Make reasonable estimations of fraction and decimal sums,	Power Up	Cumulative Test	
	differences, and products, including knowing whether	Pg(s):_11, 16, 22, 28, 33, 39, 45,	Pg(s): 67, 68, 69, 70, 71, 72,	
	results obtained using a calculator are reasonable.	50, 55, 60, 65, 80, 86, 93, 104,	73, 74, 75, 76, 77, 78, 79,	
		111, 118, 123, 123, 139, 159,	80, 81, 82, 83, 84, 85, 86,	
		177, 211, 244, 269, 345, 491,	87, 88, 89, 90, 91, 92, 93,	
		604, 616, 621, 627	94, 95, 96, 97, 98, 99, 100,	
		New Concept	101, 102, 103, 104, 105,	
		Pg(s): Pg(s): 205, 206, 207, 208,	106, 107, 108, 109, 110,	
		209, 210, 211, 212, 213, 214,	111, 112, 113, 114, 115,	
		215, 345, 346, 347, 348, 349,	116, 117, 118, 119, 120,	
		350, 351, 352, 353, 371, 372,	121, 122	
		373, 374, 375, 376, 377, 378,		
		379, 380, 381, 382, 405, 406,		
		407, 408, 409, 410, 411, 464,		
		465, 466, 467, 468, 469, 470,		
		471, 472, 473, 474, 475, 476,		
		477, 478, 479, 480, 481, 482,		
		483, 484, 498, 499, 500, 501,		
		502, 604, 605, 606, 607, 608,		
		609, 616, 617, 618, 619, 620,		
		638, 639, 640, 641, 642, 643,		
		659, 660, 661, 662, 663, 664,		
		665, 666, 667, 668, 669, 670,		
		671, 672, 673, 674, 675, 676,		
		677, 678, 679, 680, 681, 682,		
		683, 684, 685, 686		
		Written Practice		
		Pg(s): 207, 208, 209, 214, 215,		
		347, 348, 349, 350, 351, 352,		
		374, 375, 376, 379, 380, 381,		

	,		
	408, 409, 464, 466, 481, 482,		
	484, 500, 501, 502, 607, 608,		
	609, 618, 619, 620, 640, 641,		
	641, 664, 665, 668, 669, 673,		
	674, 675, 684, 685, 686		
c. Write number sentences that can be used to solve a two-	New Concept	Cumulative Test	
step problem.	Pg(s): 55, 56, 57, 58, 59, 65, 66,	Pg(s): 51, 52, 53, 54, 55, 56,	
	67, 68, 69, 70, 71, 86, 87, 88, 89,	57, 58, 59, 60, 61, 62, 63,	
	90, 91, 92, 98, 99, 100, 101, 102,	64, 65, 66, 67, 68, 69, 70,	
	103, 111, 112, 113, 114, 115,	71, 72, 73, 74, 75, 76, 77,	
	116, 117, 132, 133, 134, 135,	78, 79, 80, 81, 82, 83, 84,	
	136, 137, 138, 159, 160, 161,	85, 86, 87, 88, 89, 90, 91,	
	162, 163, 164, 387, 388, 389,	92, 93, 94	
	390, 391, 392,		
	393		
	Written Practice		
	Pg(s): 57, 58, 59, 68, 69, 70, 71,		
	87, 88, 89, 91, 92, 98, 99, 102,		
	103, 114, 115, 116, 135, 136,		
	137, 162, 163, 164, 387, 388,		
	389, 391, 392, 393		
	<u>Investigation</u>		
	Pg(s): 60, 61, 62, 63, 64		
d. Interpret division-with-remainder problems as they apply to	Power Up	Cumulative Test	
the environment (e.g., If there are 53 people, how many	Pg(s): 11, 16, 22, 28, 33, 39, 45,	Pg(s): 59, 60, 61, 62, 63, 64,	
vans are needed if each van holds 8 people?).	50, 55, 60, 65, 80, 86, 93, 104,	65, 66, 67, 68, 69, 70, 71,	
	111, 118, 123, 123, 139, 159,	72, 73, 74, 75, 76, 77, 78,	
	177, 211, 244, 269, 345, 491,	79, 80, 81, 82, 83, 84, 85,	
	604, 616, 621, 627	86, 87, 88, 89, 90, 91, 92,	
	New Concept	93, 94, 95, 96, 97, 98, 99,	
	Pg(s): 139, 140, 141, 142, 143,	100, 101, 02, 103, 104, 105,	
	144, 159, 160, 161, 162, 163,	106, 107, 108, 109, 110,	
	164, 211, 212, 213, 214, 215,	111, 112, 113, 114, 115,	
	244, 245, 246, 247, 248, 249,	116, 117, 118	
	250, 269, 270, 271, 272, 273,		

	366, 367, 368, 369, 370, 604,	
	605, 606, 607, 608, 609	
	Written Practice	
	Pg(s): 142, 143, 144, 160, 162,	
	164, 213, 214, 215, 247, 248,	
	249, 270, 271, 272, 347, 348,	
	349, 368, 369, 370, 607, 608,	
	609	
Objective 1.6: Demonstrate proficiency with multiplication and	division of whole numbers and compute problems involving addition, subtra	action,

		609			
	Objective 1.6: Demonstrate proficiency with multiplication and division of whole numbers and compute problems involving addition, subtraction,				
and multiplication of decimals and fractions.					
a.	Multiply multi-digit whole numbers by a two-digit whole	Power Up	Cumulative Test		
	number with fluency, using efficient procedures.	Pg(s): 80, 93, 104, 111, 118, 177,			
		269, 305, 491, 586, 659, 723	53, 54, 55, 56, 57, 58, 59,		
		New Concept	60, 61, 62, 63, 64, 65, 66,		
		Pg(s): 33, 34, 35, 36, 37, 38, 45,	67, 68, 69, 70, 71, 72, 73,		
		46, 47, 48, 49, 50, 51, 52, 53, 54,	74, 75, 76, 77, 78, 79, 80,		
		55, 56, 57, 58, 59, 80, 81, 82, 83,	81, 82, 83, 84, 85, 86, 87,		
		84, 85, 86, 87, 88, 89, 90, 91, 92,	88, 89, 90, 91, 92, 93, 94,		
		93, 94, 95, 96, 97, 98, 99, 100,	95, 96, 97, 98, 99, 100, 101,		
		101, 102, 103, 104, 105, 106,	02, 103, 104, 105, 106, 107,		
		107, 108, 109, 110, 111, 112,	108, 109, 110, 111, 112,		
		113, 114, 115, 116, 117, 118,	113, 114, 115, 116, 117,		
		119, 120, 121, 122, 123, 124,	118		
		125, 126, 127, 139, 140, 141,	Power Up Test		
		142, 143, 144, 149, 150, 151,	Pg(s): 22, 26, 27, 28, 29, 30,		
		152, 153, 159, 160, 162, 163,	31, 32, 33, 34, 35, 36		
		164, 165, 166, 167, 168, 169,			
		170, 171, 172, 173, 174, 175,			
		176, 177, 178, 179, 180, 181,			
		182, 263, 264, 265, 266, 267,			
		268, 345, 346, 347, 348, 349,			
		350, 351, 352, 353, 354, 355,			
		356, 357, 358, 604, 605, 606,			
		607, 608, 609			
		Written Practice			
		Pg(s): 36, 37, 38, 47, 48, 49, 53,			

		54, 55, 57, 58, 59, 84, 86, 87, 90,		
		91, 92, 97, 98, 99, 102, 103, 104,		
		114, 115, 116, 125, 126, 127,		
		143, 144, 149, 150, 152, 153,		
		160, 164, 165, 168, 169, 170,		
		174, 175, 176, 178, 179, 181,		
		182, 263, 264, 265, 266, 268,		
		347, 348, 349, 353, 354, 357,		
		358, 607, 608, 609		
b. Divi	ide multi-digit dividends by a one-digit divisor with	Power Up	Cumulative Test	
flue	ncy, using efficient procedures.	Pg(s): 80, 93, 104, 111, 118, 177,	Pg(s): 59, 60, 61, 62, 63, 64,	
		269, 305, 491, 586, 659, 723	65, 66, 67, 68, 69, 70, 71,	
		New Concept	72, 73, 74, 75, 76, 77, 78,	
		Pg(s): 139, 140, 141, 142, 143,	79, 80, 81, 82, 83, 84, 85,	
		144, 159, 160, 161, 162, 163,	86, 87, 88, 89, 90, 91, 92,	
		164, 211, 212, 213, 214, 215,	93, 94, 95, 96, 97, 98, 99,	
		244, 245, 246, 247, 248, 249,	100, 101, 02, 103, 104, 105,	
		250, 269, 270, 271, 272, 273,	106, 107, 108, 109, 110,	
		274, 345, 346, 347, 348, 349,	111, 112, 113, 114, 115,	
		366, 367, 368, 369, 370, 604,	116, 117, 118	
		605, 606, 607, 608, 609	Power Up Test	
		Written Practice	Pg(s): 22, 26, 27, 28, 29, 30,	
		Pg(s): 142, 143, 144, 160, 162,	31, 32, 33, 34, 35, 36	
		164, 213, 214, 215, 247, 248,		
		249, 270, 271, 272, 347, 348,		
		349, 368, 369, 370, 607, 608,		
		609		
c. Add	l and subtract decimals with fluency, using efficient	Power Up	Cumulative Test	
proc	cedures.	Pg(s): 7, 11, 16, 22, 28, 33, 39,	Pg(s): 59, 60, 61, 62, 63, 64,	
		45, 50, 55, 60, 65, 72, 80, 86,	65, 66, 67, 68, 69, 70, 71,	
		93, 98, 104, 111, 118, 123, 128,	72, 73, 74, 75, 76, 77, 78,	
		132, 139, 145, 149, 154, 159,	79, 80, 81, 82, 83, 84, 85,	
		165, 171, 177, 183, 189, 192,	86, 87, 88, 89, 90, 91, 92,	
		198, 205, 211, 216, 222, 228,	93, 94, 95, 96, 97, 98, 99,	
		233, 239, 244, 251, 257, 263,	100, 101, 102, 103, 104,	
	 	200, 200, 211, 201, 201, 200,	100, 101, 102, 103, 101,	

305, 311, 317, 325, 331, 339,	110, 111, 112, 113, 114,	
345, 350, 354, 359, 366, 371,	115, 116, 117, 118, 119,	
377, 383, 387, 394, 400, 405,	120, 121, 122, 123, 124,	
412, 408, 424, 431, 437, 443,	125, 126, 127, 128, 129,	
450, 457, 464, 472, 479, 485,	130, 131, 132, 133, 134	
491, 498, 503, 511, 516, 522,		
526, 534, 539, 546, 553, 559,		
565, 572, 580, 586, 592, 597,		
604, 610, 616, 621, 627, 633,		
638, 644, 649, 654, 659, 664,		
670, 679, 687, 696, 703, 710,		
717, 723, 728, 731, 736, 742,		
748, 755, 760, 767, 773, 778,		
783, 788		
New Concept		
Pg(s): 86, 87, 88, 89, 90, 91, 92,		
177, 178, 179, 180, 181, 182,		
325, 326, 327, 328, 329, 330,		
331, 345, 346, 347, 348, 349,		
350, 351, 352, 353, 472, 473,		
474, 475, 476, 477, 478, 644,		
645, 646, 647, 648, 664, 665,		
666, 667, 668, 669, 717, 718,		
719, 720, 721, 722, 731, 732,		
733, 734, 735, 767, 768, 769,		
770, 771, 772, 773, 774, 775,		
776, 777, 778, 779, 780, 781,		
782		
Written Practice		
Pg(s): 89, 91, 178, 179, 181, 182,		
326, 327, 328, 329, 3330, 331,		
347, 348, 349, 351, 352, 353,		
473, 474, 475, 477, 478, 646,		
647, 648, 667, 668, 669, 717,		
718, 719, 721, 722, 734, 735,		
768, 769, 774, 775, 776, 780,		

	781, 782	
d. Add and subtract fractions with fluency.	Power Up	Cumulative Test
	Pg(s): 7, 11, 16, 22, 28, 33, 39,	Pg(s): 51, 52, 53, 54, 55, 56,
	45, 50, 55, 60, 65, 72, 80, 86,	57, 58, 59, 60, 61, 62, 63,
	93, 98, 104, 111, 118, 123, 128,	64, 65, 66, 67, 68, 69, 70,
	132, 139, 145, 149, 154, 159,	71, 72, 73, 74, 75, 76, 77,
	165, 171, 177, 183, 189, 192,	78, 79, 80, 81, 82, 83, 84,
	198, 205, 211, 216, 222, 228,	85, 86, 87, 88, 89, 90, 91,
	233, 239, 244, 251, 257, 263,	92, 93, 94, 95, 96, 97, 98,
	269, 275, 282, 289, 294, 299,	99, 100, 101, 102, 103, 104,
	305, 311, 317, 325, 331, 339,	105, 106, 107, 108, 109,
	345, 350, 354, 359, 366, 371,	110, 111, 112, 113, 114,
	377, 383, 387, 394, 400, 405,	115, 116, 117, 118, 119,
	412, 408, 424, 431, 437, 443,	120, 121, 122, 123, 124,
	450, 457, 464, 472, 479, 485,	125, 126, 127, 128, 129,
	491, 498, 503, 511, 516, 522,	130, 131, 132, 133, 134
	526, 534, 539, 546, 553, 559,	
	565, 572, 580, 586, 592, 597,	
	604, 610, 616, 621, 627, 633,	
	638, 644, 649, 654, 659, 664,	
	670, 679, 687, 696, 703, 710,	
	717, 723, 728, 731, 736, 742,	
	748, 755	
	New Concept	
	Pg(s): 86, 87, 88, 89, 90, 91, 92,	
	177, 178, 179, 180, 181, 182,	
	325, 326, 327, 328, 329, 330,	
	331, 345, 346, 347, 348, 349,	
	350, 351, 352, 353, 472, 473,	
	474, 475, 476, 477, 478, 644,	
	645, 646, 647, 648, 664, 665,	
	666, 667, 668, 669, 717, 718,	
	719, 720, 721, 722, 731, 732,	
	733, 734, 735, 767, 768, 769,	
	770, 771, 772, 773, 774, 775,	
	776, 777, 778, 779, 780, 781,	

	782	
	Written Practice	
	Pg(s): 89, 91, 178, 179, 181, 182,	
	326, 327, 328, 329, 3330, 331,	
	347, 348, 349, 351, 352, 353,	
	473, 474, 475, 477, 478, 646,	
	647, 648, 667, 668, 669, 717,	
	718, 719, 721, 722, 734, 735,	
	768, 769, 774, 775, 776, 780,	
	781, 782	
e. Multiply fractions.	Power Up	Cumulative Test
	Pg(s): 80, 93, 104, 111, 118, 177,	Pg(s): 51, 52, 53, 54, 55, 56,
	269, 305, 491, 586, 659, 723	57, 58, 59, 60, 61, 62, 63,
	New Concept	64, 65, 66, 67, 68, 69, 70,
	Pg(s): 86, 87, 88, 89, 90, 91, 92,	71, 72, 73, 74, 75, 76, 77,
	177, 178, 179, 180, 181, 182,	78, 79, 80, 81, 82, 83, 84,
	325, 326, 327, 328, 329, 330,	85, 86, 87, 88, 89, 90, 91,
	331, 345, 346, 347, 348, 349,	92, 93, 94, 95, 96, 97, 98,
	350, 351, 352, 353, 472, 473,	99, 100, 101, 102, 103, 104,
	474, 475, 476, 477, 478, 644,	105, 106, 107, 108, 109,
	645, 646, 647, 648, 664, 665,	110, 111, 112, 113, 114,
	666, 667, 668, 669, 717, 718,	115, 116, 117, 118, 119,
	719, 720, 721, 722, 731, 732,	120, 121, 122, 123, 124,
	733, 734, 735, 767, 768, 769,	125, 126, 127, 128, 129,
	770, 771, 772, 773, 774, 775,	130, 131, 132, 133, 134
	776, 777, 778, 779, 780, 781,	
	782	
	Written Practice	
	Pg(s): 89, 91, 178, 179, 181, 182,	
	326, 327, 328, 329, 3330, 331,	
	347, 348, 349, 351, 352, 353,	
	473, 474, 475, 477, 478, 646,	
	647, 648, 667, 668, 669, 717,	
	718, 719, 721, 722, 734, 735,	
	768, 769, 774, 775, 776, 780,	
	781, 782	

Standard II: Students will use patterns and relations to represent and analyze mathematical problems and number relationships using algebraic symbols.				
Percentage of coverage in the <i>student and teacher edition</i> for Standard II: 100 %	Percentage of coverage not in student or teacher edition, but covered in the ancillary material for Standard II:100 %			
OBJECTIVES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓	
Objective 2.1 : Identify, analyze and determine a rule for predicting a and fractions.	nd extending numerical patterns invo	olving operations whole numb	ers, decimals.	
a. Analyze and make predictions about numeric patterns, including decimals and fractions.	There is an opportunity to introduce during: New Concept Pg(s): 7, 8, 9, 10, 11, 12, 13, 14, 15	Cumulative Test Pg(s): 43, 44, 45, 46 Power Up Test Pg(s): 20, 22, 23, 25, 28, 31, 36		
	There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 9, 10, 14, 15			
b. Determine a rule for the pattern using organized lists, tables, objects, and variables.	Investigation Pg(s): 60, 61, 62, 63, 64, 251, 252, 253, 254, 255, 256	Cumulative Test Pg(s): 51, 52, 53, 54 Power Up Test Pg(s): 20, 22, 23, 25, 28, 31, 36		
Objective 2.2: Use algebraic expressions, inequalities, or equations			_	
a. Use properties and the order of operations involving addition, subtraction, multiplication, division, and the use of parentheses to compute with whole numbers, decimals, and fractions.	New Concept Pg(s): 33, 34, 35, 36, 37, 38, 50, 51, 52, 53, 54, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 177, 178, 179, 180, 181, 182, 325, 326, 327, 328, 329, 330, 331, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358	Cumulative Test Pg(s): 47, 48, 49, 50, 51, 52, 53, 54		

b. Use patterns, models, and relationships as contexts for writing and solving simple equations and inequalities with whole number solutions (e.g., $6x = 54$; $x + 3 = 7$).	Written Practice Pg(s): 36, 37, 38, 52, 53, 54, 98, 99, 102, 103, 104, 105, 109, 110, 178, 179, 180, 181, 182, 327, 328, 329, 330, 331, 347, 348, 349, 350, 351, 352, 357, 358 Investigation Pg(s): 251, 252, 253, 254, 255, 256	Cumulative Test Pg(s): 75, 76, 77, 78 Power Up Test Pg(s): 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37,	
		38, 39, 40, 41	
Standard III: Students will use spatial reasoning to recognize, de	scribe, and analyze geometric sha	pes and principles.	
Percentage of coverage in the student and teacher edition for Standard III:100 %	Percentage of coverage not in structure covered in the ancillary material	· · · · · · · · · · · · · · · · · · ·	
OBJECTIVES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
Objective 3.1: Describe relationships between two- and three-dimens	ional shapes and analyze attributes	and properties of geometric sh	apes.
a. Draw, label, and describe line segments, rays, lines, parallel lines, and perpendicular lines.		Cumulative Test Pg(s): 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114	
b. Draw, label, and define an angle as two rays sharing a			

	197, 198, 199, 200, 201, 202, 203, 204, 282, 283, 284, 285, 286, 287, 288, 387, 388, 389, 390, 391, 392, 539, 540, 541, 542, 543, 544, 545, 580, 581, 582, 583, 584, 585 Written Practice Pg(s): 194, 195, 196, 199, 203, 204, 284, 285, 286, 288, 389, 390, 391, 392, 539, 540, 541, 544, 545, 583, 584, 585 Investigation	80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114
c. Classify triangles and quadrilaterals and analyze the relationships among the shapes in each classification (e.g., a square is a rectangle).	Pg(s): 522, 523, 524, 525 New Concept Pg(s): 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 282, 283, 284, 285, 286, 287, 288, 387, 388, 389, 390, 391, 392, 393, 539, 540, 541, 542, 543, 544, 545, 580, 581, 582, 583, 584 Written Practice Pg(s): 194, 195, 196, 199, 203, 204, 284, 285, 286, 288, 389, 390, 391, 392, 539, 540, 541, 544, 545, 583, 584, 585 Investigation Pg(s): 654, 655, 656, 657, 658	Cumulative Test Pg(s): 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114
d. Relate pyramids and right prisms to the two-dimensional shapes (nets) from which they were created.	New Concept Pg(s): 539, 540, 541, 542, 543, 544, 545	<u>Cumulative Test</u> Pg(s): 107, 108, 109, 110
e. Identify properties and attributes of solids (i.e., right prisms, pyramids, cylinders, cones) and describe them by the number of edges, faces, and vertices as well as the types of faces.	There is an opportunity to introduce during: New Concept Pg(s): 539, 540, 541, 542, 543, 544, 545	There is an opportunity to practice by teacher questioning and observation following: New Concept

	There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 543, 544, 545	Pg(s): 539, 540, 541, 542, 543, 544, 545	
Objective 3.2: Specify locations in a coordinate plane.			
a. Locate points defined by ordered pairs of integers.	<u>Investigation</u> Pg(s): 522, 523, 524, 525	Cumulative Test Pg(s): 107, 108, 109, 110	
b. Write an ordered pair for a point in a coordinate plane with integer coordinates.	Investigation Pg(s): 522, 523, 524, 525	Cumulative Test Pg(s): 107, 108, 109, 110	
c. Specify possible paths between locations on a coordinate plane and compare distances of the various paths.	Investigation Pg(s): 522, 523, 524, 525	Cumulative Test Pg(s): 107, 108, 109, 110	
Standard IV: Students will determine area of polygons and surface	ce area and volume of three-dime	nsional shapes.	
Percentage of coverage in the student and teacher edition for Standard IV:100 %	Percentage of coverage not in structure covered in the ancillary material	for Standard IV:1009	
OBJECTIVES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	in TE, SE or ancillaries ✓
Objective 4.1: Determine the area of polygons and apply to real-worl	d problems.		
 a. Determine the area of a trapezoid by the composition and decomposition of rectangles, triangles, and parallelograms. b. Determine the area of irregular and regular polygons by the 	New Concept Pg(s): 539, 540, 541, 542, 543, 544, 545 Written Practice Pg(s): 543, 544, 545	Cumulative Test Pg(s): 107, 108, 109, 110 Cumulative Test	

			126, 127, 128, 129, 130,
			131, 132, 133, 134
			Power Up Test
			Pg(s): 29, 30, 34, 35
	. Compare areas of polygons using different units of	There is an opportunity to	Cumulative Test
c.		* * *	
	measure within the same measurement system (e.g., square	introduce during:	Pg(s): 83, 84, 85, 86, 87,
	feet, square yards).	New Concept	88, 89, 90, 91, 92, 93, 94,
		Pg(s): 339, 340, 341, 342, 343,	95, 96, 97, 98, 99, 100,
		344, 748, 749, 750, 751, 752,	101, 102, 103, 104, 105,
		753, 754	106, 107, 108, 109, 110,
			111, 112, 113, 114, 115,
		There is an opportunity to	116, 117, 118, 119, 120,
		practice by teacher questioning	121, 122, 123, 124, 125,
		and observation following:	126, 127, 128, 129, 130,
		Written Practice	131, 132, 133, 134
		Pg(s): 342, 343, 344, 748, 749,	
		480, 752, 753, 754	
Objective	4.2: Recognize, describe, and determine surface area and vo		1
	Quantify volume by finding the total number of same-sized	There is an opportunity to	Cumulative Test
		There is ent opportunity to	
	units of volume needed to fill the space without gaps or	introduce during:	Pg(s): 123, 124, 125, 126.
	units of volume needed to fill the space without gaps or overlaps.	introduce during: New Concept	Pg(s): 123, 124, 125, 126, 127, 128, 129, 130, 131.
	units of volume needed to fill the space without gaps or overlaps.	New Concept	127, 128, 129, 130, 131,
	1 0 1	New Concept Pg(s): 679, 680, 681, 682, 683,	
	1 0 1	New Concept	127, 128, 129, 130, 131,
	1 0 1	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686	127, 128, 129, 130, 131,
	1 0 1	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to	127, 128, 129, 130, 131,
	1 0 1	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning	127, 128, 129, 130, 131,
	1 0 1	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following:	127, 128, 129, 130, 131,
	1 0 1	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following: Written Practice	127, 128, 129, 130, 131,
l.	overlaps.	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 684, 685, 686	127, 128, 129, 130, 131, 132, 133, 134
b.	overlaps. Recognize that a cube having a 1 unit edge is the standard	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 684, 685, 686 There is an opportunity to	127, 128, 129, 130, 131, 132, 133, 134 <u>Cumulative Test</u>
b.	overlaps.	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 684, 685, 686 There is an opportunity to introduce during:	127, 128, 129, 130, 131, 132, 133, 134 Cumulative Test Pg(s): 123, 124, 125, 126,
b.	overlaps. Recognize that a cube having a 1 unit edge is the standard	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 684, 685, 686 There is an opportunity to introduce during: New Concept	127, 128, 129, 130, 131, 132, 133, 134 Cumulative Test Pg(s): 123, 124, 125, 126, 127, 128, 129, 130, 131,
b.	overlaps. Recognize that a cube having a 1 unit edge is the standard	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 684, 685, 686 There is an opportunity to introduce during: New Concept Pg(s): 679, 680, 681, 682, 683,	127, 128, 129, 130, 131, 132, 133, 134 Cumulative Test Pg(s): 123, 124, 125, 126,
b.	overlaps. Recognize that a cube having a 1 unit edge is the standard	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 684, 685, 686 There is an opportunity to introduce during: New Concept	127, 128, 129, 130, 131, 132, 133, 134 Cumulative Test Pg(s): 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134
b.	overlaps. Recognize that a cube having a 1 unit edge is the standard	New Concept Pg(s): 679, 680, 681, 682, 683, 684, 685, 686 There is an opportunity to practice by teacher questioning and observation following: Written Practice Pg(s): 684, 685, 686 There is an opportunity to introduce during: New Concept Pg(s): 679, 680, 681, 682, 683,	127, 128, 129, 130, 131, 132, 133, 134 Cumulative Test Pg(s): 123, 124, 125, 126, 127, 128, 129, 130, 131,

	practice by teacher questioning and observation following: Written Practice Pg(s): 684, 685, 686	
c. Derive and use the formula to determine the volume of a right prism with a triangular or rectangular base.	New Concept Pg(s): 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757 Written Practice Pg(s): 674, 675, 676, 679, 680, 683, 684, 685, 686, 755, 756, 757	Cumulative Test Pg(s): 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134
d. Relate the formulas for the areas of triangles, rectangles,	New Concept	Cumulative Test
or parallelograms to the surface area of a right prism.	Pg(s): 464, 465, 466, 467, 468, 469, 470, 471, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686 Written Practice Pg(s): 467, 468, 469, 470, 471, 674, 675, 676, 678, 679, 680, 684, 685, 686	Pg(s): 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134
e. Derive and use the formula to determine the surface area of	There is an opportunity to	Cumulative Test
a right prism and express surface area in square units.	introduce during: New Concept Pg(s): 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757 There is an opportunity to	Pg(s): 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134
	practice by teacher questioning and observation following:	

Standard V: Students will construct, analyze, and construct reaso	Written Practice Pg(s): 674, 675, 676, 679, 680, 683, 684, 685, 686, 755, 756, 757	annly basic concents of arch	ahility
Percentage of coverage in the student and teacher edition for Standard V:100 %	Percentage of coverage not in st covered in the ancillary materia	udent or teacher edition, but	t
OBJECTIVES & INDICATORS	Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	Not covered in TE, SE or ancillaries ✓
Objective 5.1: Formulate and answer questions using statistical meth	1 2 2 2	· · · · · · · · · · · · · · · · · · ·	data.
a. Construct, analyze, and display data using an appropriate format (e.g., line plots, bar graphs, line graphs).	New Concept Pg(s): 72, 73, 74, 75, 76, 78, 79, 610, 611, 612, 613, 614 Written Practice Pg(s): 78, 79, 612, 613, 614 Investigation Pg(s): 317, 318, 319, 320, 321, 322, 323, 324	Cumulative Test Pg(s): 51, 52, 53, 54, ,55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118	
b. Recognize the differences in representing categorical and numerical data.	New Concept Pg(s): 72, 73, 74, 75, 76, 78, 79, 610, 611, 612, 613, 614 Written Practice Pg(s): 78, 79, 612, 613, 614 Investigation Pg(s): 317, 318, 319, 320, 321, 322, 323, 324	Cumulative Test Pg(s): 51, 52, 53, 54, ,55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118	

c. Identify minimum and maximum values for a set of data.	New Concept Pg(s): 72, 73, 74, 75, 76, 78, 79, 610, 611, 612, 613, 614 Written Practice Pg(s): 78, 79, 612, 613, 614 Investigation Pg(s): 317, 318, 319, 320, 321,	Cumulative Test Pg(s): 51, 52, 53, 54, ,55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90,	
	322, 323, 324	91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118	
d. Identify and calculate the mean, median, mode, and range.	New Concept Pg(s): 311, 312, 313, 314, 315, 316, 479, 480, 481, 482, 483, 484, 546, 547, 548, 549, 550, 551, 552, 638, 639, 640, 641, 642, 643 Written Practice Pg(s): 314, 315, 316, 482, 483, 484, 547, 548, 549, 550, 551, 552, 641, 642, 643 Investigation Pg(s): 317, 318, 319, 320, 321, 322, 323, 324, 450, 451, 452, 453, 454, 455, 456	Cumulative Test Pg(s): 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118	
Objective 5.2: Apply basic concepts of probability.			
a. Describe the results of experiments involving random outcomes using a variety of notations (e.g., 4 out of 9, 4/9).	New Concept Pg(s): 359, 360, 361, 362, 363, 364, 365, 366, 526, 527, 528, 529, 530, 531, 532, 533 Written Practice Pg(s): 364, 365, 366, 531, 532, 533 Investigation	Cumulative Test Pg(s): 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111 Power Up Test Pg(s): 27, 40	

	Pg(s): 592, 593, 594, 595, 596	
b. Recognize that probability is always a value between 0 and		Cumulative Test
1 (inclusively).	Pg(s): 359, 360, 361, 362, 363,	Pg(s): 87, 88, 89, 90, 91, 92,
	364, 365, 366, 526, 527, 528,	93, 94, 95, 96, 97, 98, 99,
	529, 530, 531, 532, 533	100, 101, 102, 103, 104,
	Written Practice	105, 106, 107, 108, 109,
	Pg(s): 364, 365, 366, 531, 532,	110, 111
	533	Power Up Test
	<u>Investigation</u>	Pg(s): 27, 40
	Pg(s): 592, 593, 594, 595, 596	
c. Express the likelihood of an outcome in a simple	New Concept	Cumulative Test
experiment as a value between 0 and 1 (inclusively).	Pg(s): 359, 360, 361, 362, 363,	Pg(s): 87, 88, 89, 90, 91, 92,
	364, 365, 366, 526, 527, 528,	93, 94, 95, 96, 97, 98, 99,
	529, 530, 531, 532, 533	100, 101, 102, 103, 104,
		105, 106, 107, 108, 109,
	Written Practice	110, 111
	Pg(s): 364, 365, 366, 531, 532,	
	533	Power Up Test
		Pg(s): 27, 40
	<u>Investigation</u>	
	Pg(s): 592, 593, 594, 595, 596	